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Patent
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Applicants' Docket SJO919990221US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

K. Coffey et al.

Group Art Unit: 2651

Serial No. 09/874,673

Examiner: A. Faber

Filed: June 4, 2001

For: Thermally Assisted Magnetic Recording System and Method of Writing Using
Magnetic and Thermal Gradients

Commissioner of Patents and Trademarks

Washington, D.C. 20231

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Technology Center 2600

RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

In response to the Restriction Requirement dated June 23, 2003, please note the following.

The Examiner has placed a restriction requirement on the submitted application. Specifically, the Examiner has requested a selection from the disk species illustrated in Fig. 3a, Figs. 4a and 4b, Fig. 6a, and Fig. 6b. Applicants elect Figs. 4a and 4b for a single disclosed species for prosecution. The Examiner has requested a listing of all claims readable on the elected species. The submitted claims 1-20 in the referenced application are drafted to the recording head, recording system, and method of use. The claims as submitted do not read directly on any of the specific disk embodiments as illustrated in Figs. 3a, 4a, 4b, 6a, and 6b. Claims 1-9 are directed to a recording

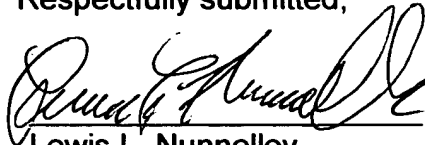
head. Claims 10-13 are directed to a recording system wherein a generic disk was included as a claim element. Claims 14-20 are directed to a method of writing data on a thermal spring magnetic disk as illustrated, for example, in Figs 4a and 4b.

Accordingly, claims 1-20, as submitted, read on the media illustrated in Figs. 4a and 4b.

U.S. patent application 09/874,100, entitled "Thermal Spring Magnetic Recording Media for Writing using Magnetic and Thermal Gradients", having related subject matter was filed on the same day as the above referenced application and is owned by a common assignee.

Informal drawings were submitted with the original application. The drawings will be sent to a draftsman and the formal drawings will be submitted along with a response to the first office action.

Respectfully submitted,



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FORM PTO-1083/Modified

IBM Docket No. SJ0919990221US1 (PATENT)

re application of: K. Coffey et al.
Serial No.: 09/874,673
Filed: June 4, 2001
For: Thermally Assisted Magnetic Recording System and Method of Writing
Using Magnetic and Thermal Gradients

ASSISTANT COMMISSIONER OF PATENTS & TRADEMARKS
WASHINGTON, DC 20231

SIR:

Transmitted herewith in the above-identified application are:

- ☒ Response to Restriction Requirement
☐ Preliminary Amendment
☐ sheets of formal drawings
☐ Declaration and Power of Attorney for Patent Application
☐ Assignment of the invention to International Business Machines Corporation
☐ Notice to File Missing Parts of Application -- Filing Date Granted
☒ No additional fee is required.

The fee has been calculated as shown below:

REMAINING AFTER AMENDMENT				PREVIOUSLY PAID FOR		CLAIMS PRESENT EXTRA		HIGHEST NO. ADDIT. RATE FEE	
TOTAL	20	MINUS	20	=		0 x 18 =		\$ 0	\$ 0
INDEP.	6	MINUS	6	=		0 x 84 =		\$ 0	\$ 0
								\$ =	\$

Surcharge \$ 0

TOTAL \$ 0

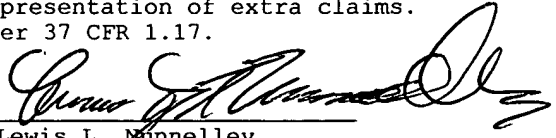
Please charge my Deposit Account No. 50-2587 in the amount of \$.

A duplicate copy of this sheet is attached.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-2587. A duplicate copy of this sheet is attached.

☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 CFR 1.17.


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CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner of Patents, Washington, DC 20231 on July 17, 2003.

Person Mailing paper/fee: Diane Cascia.

Signature

